

Claims:

1. A method for refreshing memory cells in a dynamic memory (1), which memory cells are used for storing information, wherein the refreshing is conducted in order to maintain the information in the memory cells, **characterized** in that the information stored in the memory cells at a given time is divided into information to be maintained and information not requiring maintenance, wherein at least some of such memory cells which contain information not requiring maintenance, remain unrefreshed.
2. The method according to claim 1, **characterized** in that the memory cells of the dynamic memory (1) are divided into two or more blocks (5a, 5b, 5c, 5d) which can be refreshed irrespective of each other, wherein such blocks (5a, 5b, 5c, 5d) in which each memory cell contains information not requiring maintenance, remain unrefreshed.
3. A dynamic memory (1) which comprises memory cells for storing information and is provided with means (3, 7, 10) for refreshing the memory cells, **characterized** in that the dynamic memory (1) also comprises means (7, 11) for dividing the memory cells into two or more blocks, and means (7, 8) for refreshing each block substantially irrespective of each other.
4. The dynamic memory (1) according to claim 3, **characterized** in that it is a synchronous dynamic memory.
5. The dynamic memory (1) according to claim 3, **characterized** in that it is an asynchronous dynamic memory.
6. An electronic device (17) comprising a dynamic memory (1) with memory cells for storing information, and means (3, 7, 10) for refreshing the memory cells, **characterized** in that the electronic device (17) also comprises means (14a—14d; 15a—15d) for dividing the memory cells into two or more blocks (5a—5d), means (3, 7, 8) for refreshing each block substantially irrespective of each other, and means (4a, 4b) for defining the need to maintain the information to be stored at a given time, and that the means for refreshing the memory

cells comprise means (3, 7, 10) for leaving the refreshing unexecuted when necessary, at least for some memory cells which contain information not requiring maintenance.

- 5      7. The electronic device (17) according to claim 6, **characterized** in that it comprises means (4a, 4b) for executing application programs, means (4a, 4b) for allocating a memory area from the dynamic memory (1) for each application program for the duration of its execution, and means (4a, 4b) for deallocating said memory area after the execution of
- 10     the application program, wherein information on the need to maintain the information to be stored in the memory cells at a given time is arranged to be defined at least partly on the basis of the storage locations allocated for the application programs.
- 15     8. The electronic device (17) according to claim 6, **characterized** in that the dynamic memory (1) comprises a synchronous dynamic memory.
- 20     9. The electronic device (17) according to claim 6, 7 or 8, **characterized** in that it is a communication device comprising mobile station functions.